

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

MPP

| | | | | | | | | | |
|---------------|--------------------------------|-------------|--------|--------------|---|-----------|--|--------|---------|
| Date: | 12.09.27 | Job No.: | RD3340 | ADR Yes/No: | N | ADR Date: | | ECN #: | 12- 660 |
| Product No.: | D139-799 | Created By: | RF | Approved By: | | | | | |
| Product Name: | Maintenance Kits Installations | Checked By: | | | | | | | |

| Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) |
|-------------------------------|------|-------|---------------------------|
| Director of Operations | Y | IE | |
| Production Manager / Coord. | Y | LL/MF | |
| Purchasing Coord. | N | CL | |
| Production Engineering Coord. | Y | DD | |
| Production Engineering Coord. | Y | JLM | |
| Customer Order Processing | N | RM | |

| Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) |
|----------------------------|------|-------|---------------------------|
| DQA / QA Coord. | Y | PS | |
| QC Coordinator | Y | ED | |
| Customer Support | Y | SW/LM | |
| Customer Technical Support | Y | MB/DS | |
| Marketing | Y | HM | |

Reason for Change: Add D139-799-029 & Revise drawings

Documents Affected:

IIN-D139-799 Rev. G
ICA-D139-799 Rev. 6
D4093 Rev. D
D4527 Rev. B
D4722 Rev. A
MDL-D139-799 Rev. I

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|---|---------------------------|------|------|-------|----------|
| 1 | Notify Previous Customers | N | | | |
| 2 | Notify Eurocopter France | N | | | |
| 3 | | | | | |

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|---|--|------|------|---------------------|----------|
| 4 | Required Documents/Drawings Under Review | N | | | |
| 5 | Update Master Document List (MDL) | Y | RF | MDL-D139-799 Rev. I | |
| 6 | Update Product Compatability Matrix | N | | | |
| 7 | Create Eurocopter Form (FEE) | N | | | |
| 8 | Notify TC / FAA of Change | N | | | |
| 9 | | | | | |

| # | Document Control Actions | Reqd | Resp | Notes | Complete |
|----|---|------|------|-----------|----------|
| 10 | Move Electronic Files/Design Journal | Y | KJ | | |
| 11 | Update Product Specification Files | Y | KJ | | |
| 12 | Update Approved/Preliminary Dwg PDF Files | Y | KJ | | |
| 13 | Update Document Record (DR) | N | | | |
| 14 | Update Product Development Summary | N | | | |
| 15 | Update QSI 021 and/or STC Approval List | N | | | |
| 16 | Create/Update Parts / STC Database | Y | KJ | | |
| 17 | Update / Verify ARC Database | Y | KJ | | |
| 18 | Create / Update Change Record Form / Item Card Database | Y | KJ | See below | |
| 19 | Create / Update PPP's | Y | KJ | | |
| 20 | Red Decals required? | N | | | |
| 21 | Update Document Control Database / Laminated Dwgs | Y | KJ | | |
| 22 | Update Grey Project / Electronic Binder PDF Files | Y | KJ | | |
| 23 | Update D-Part/M-Drawing/DSI/DEO Master Binders | Y | KJ | | |
| 24 | | | | | |

Description / Action:

Create BOM/routing for D4722 Rev. A
Update BOM/routing for D4093/ D4527 per above Revisions
Now D139-799-011 /012 @ CHG 004; D139-799-112 @ CHG 002; D139-799-029 @ CHG 001
Rework W/O in production & stock D4093-1 & D4093-3 adding 0.080" diameter holes per D4093 Rev. D
Rework W/O in production & stock D4527-1 & D4527-3 adding 0.080" diameter holes per D4527 Rev. B
Add new paperwork to all D139-799 kits in stock & in production
Rework D139-799-011-012-112 kits in stock
Ok to ship D139-799-029 kits to Agusta

See pages for follow up
PTO →

MF

None in production
12-11-09

ECN Verified & Complete: _____ Date: _____

List Lots

Friday, November 09, 2012 11:33:45 AM

Page 1 of 1

Criteria : Item ID: d4092-042 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|--|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D4092-042 Maintenance Step Assembly | Main Warehouse FG | 83354 | 6/21/2012 | 4.0000 | QC21 | | |
| | | | Total: | 4.0000 | | | |

✓ wip Rework #92880

List Lots

Friday, November 09, 2012 11:33:30 AM

Page 1 of 1

Criteria : Item ID: d4093-1 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D4093-1 Bracket | Main Warehouse ST195 | 82766 | 6/27/2012 | 1.0000 | QC21 | | |
| | Main Warehouse ST195 | 85941 | 6/27/2012 | 6.0000 | QC21 | | |
| Total: | | | | | | | 7.0000 |

O w/p Rework # 92879

List Lots

Friday, November 09, 2012 11:33:34 AM

Page 1 of 1

Criteria : Item ID: d4093-3 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D4093-3 Bracket | Main Warehouse ST139E | 83639 | 6/21/2012 | 3.0000 | QC21 | | |
| | Main Warehouse ST195 | 77850 | 4/25/2012 | 1.0000 | QC21 | | |
| | Main Warehouse ST195 | 80084 | 4/25/2012 | 1.0000 | QC21 | | |
| | Main Warehouse ST195 | 82767 | 6/13/2012 | 4.0000 | QC21 | | |
| | | | Total: | 9.0000 | | | |

O WLF # 92878

List Lots

Friday, November 09, 2012 11:34:26 AM

Page 1 of 1

Criteria : Item ID: d4527-1 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D4527-1 Bracket | Main Warehouse ST195 | 80088 | 6/12/2012 | 6.0000 | QC21 | | |
| | | | Total: | 6.0000 | | | |

O wip

Rework
92876

List Lots

Friday, November 09, 2012 11:33:04 AM

Page 1 of 1

Criteria : Item ID: d4527-3 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D4527-3 Bracket | Main Warehouse ST195 | 77208 | 4/13/2012 | 1.0000 | QC21 | | |
| | Main Warehouse ST195 | 80086 | 6/12/2012 | 5.0000 | QC21 | | |
| | | | Total: | 6.0000 | | | |

O w/p

W 92877

List Lots

Page 1 of 1

November-02-12 11:01:55 AM

Criteria : Item ID: D139-799-011 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D139-799-011 Maintenance Step | Main Warehouse FG023 | 82142 | 10/04/12 | 3.0000 | QC21 | CHG003 | |
| | OFFSHORE FG | 80905 | 9/19/12 | 1.0000 | QC21 | CHG003 | 92883 |
| | | | Total: | 4.0000 | | | X |

∅ wip
Remark
D4093-1/3.
L D4092-091

pull from sh
grill holes ⁱⁿ D4092-041
per drawing ~~D4092~~. D4093, Rev. J

add/reduce or kit

List Lots

Page 1 of 1

November-02-12 11:01:58 AM

Criteria : Item ID: D139-799-012 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt Lot Code | Type Code | Comments |
|----------------------------------|-----------------------------|------------|-----------------|---------|---------------------------|-----------|----------|
| D139-799-012 Maintenance Step | Main Warehouse FG023 | 82143 | 10/22/12 | 3.0000 | QC21 | CHG003 | |
| | Main Warehouse FG023 | 82763 | 10/22/12 | 1.0000 | QC21 | CHG003 | |
| | OFFSHORE FG | 80906 | 10/22/12 | 1.0000 | QC21 | CHG003 | |

Total: 5.0000

O wip
04093-1/3
LSD 04092-0412

92883
X

List Lots

Page 1 of 1

November-02-12 11:02:01 AM

Criteria : Item ID: D139-799-112 All Locations All Warehouses All Quantity

| Item ID Item Name | Warehouse ID Location ID | Lot Number | Last Trans Date | Lot Qty | Shelf Life Dt | Type Code | Comments |
|----------------------------------|-----------------------------|------------|-----------------|---------|---------------|-----------|----------|
| | | | | | Lot Code | | |
| D139-799-112 | Main Warehouse | 82572 | 10/15/12 | 1.0000 | QC21 | CHG001 | |
| Maintenance Step w/ Grab Bar, RH | FG023 | | | | | | |
| | Main Warehouse FG023 | 85720 | 10/15/12 | 2.0000 | QC21 | CHG001 | |
| | OFFSHORE FG | 80561 | 9/19/12 | 1.0000 | QC21 | CHG001 | |

Total: 4.0000

D4527-1/3
L04526-012

6350 11/16/12 SPH

#92884

O WIP